Print Save

Spill Summary Report for NRC Report #1057122

Report Date: 12/15/2015 Report Time: 2:18 PM EST

Region IV Hotline Log Entry Information

Data ID: 1442357

Date Of Report: 14-AUG-13 17:36

NRC #: 1057122

State #: Receiver: ERNS#:

Material Type: Haz Material / Amount:

UNKNOWN MATERIAL (0 UNKNOWN AMOUNT);

City: VALDOSTA

County: LOWNDES

State: GA

Source of Pollution:

PERMAFIX OF SOUTH GEORGIA

Water Body:

Location:

State Or EPA Responded:

DataID: 0642381

Initial EPA Action:

OSC Russell and START mobilized

Status:

2 - Closed

URL:

Associated Action Reports

Date: 2013/08/15	Time: 09:05	Submitted by: R04 Duty Officer
Duty Officer/Responder Name: Subash Patel	NRC Report #: 1057122	Hotline Log DataID: 1442357
Action Information		9
fire at facility. Hur Building entries w	ndreds of drums, tanks, nearby Mud C	actor to assist with aftermath of an explosion and Creek, and a full tanker truck were impacted, etermined safe to enter. Perma-Fix is a TSD facility, tene.
Person Contacted		
Name: Ashley Tye		
Organization: EMA Directory		
Phone #: 2295633329		

HQ Hotline Log Entry Information

Data ID: 1442356

Date Of Report: 14-AUG-13 17:36

NRC #: 1057122

State #: Receiver: ERNS #:

Material Type:

UNKNOWN MATERIAL (0 UNKNOWN AMOUNT);

Material / Amount: Location:

City: VALDOSTA

County: LOWNDES

State: GA

Source of Pollution:

PERMAFIX OF SOUTH GEORGIA

Water Body:

State Or EPA Responded:

Initial EPA Action:

Status: URL:

NRC Spill Report

NATIONAL RESPONSE CENTER 1-800-424-8802

GOVERNMENT USE ONLYGOVERNMENT USE ONLY***

Information released to a third party shall comply with any

applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1057122

INCIDENT DESCRIPTION

*Report taken by: RSG2992 RSG2992 at 17:36 on 14-AUG-13

Incident Type: STORAGE TANK

Incident Cause: OTHER

Affected Area:

The incident occurred on 14-AUG-13 at 14:30 local time.

Affected Medium: UNKNOWN

REPORTING PARTY

Name:

KURT FOGLEMAN

Address:

Organization: PERMAFIX OF SOUTH GEORGIA 1612 JAMES P RODGERS CIRCLE

VALDOSTA, GA

PRIMARY Phone: (352) 2228032

INCIDENT LOCATION

1612 JAMES P RODGERS CIRCLE County: LOWNDES

City: VALDOSTA State: GA

RELEASED MATERIAL (S)

CHRIS Code: UNK

Official Material Name: UNKNOWN MATERIAL

Also Known As:

Qty Released: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

CALLER IS REPORTING THAT THERE WAS A FIRE AND AN EXPLOSION IN A STORAGE TANK WHEN MATERIALS WERE BEING MIXED. A NEARBY STORAGE ARE WITH DRUMS CONTAINING HAZARDOUS MATERIALS ALSO CAUGHT ON FIRE. THE CAUSE IS LIKELY A CHEMICAL REACTION. THE SPECIFIC

MATERIALS AND AMOUNTS INVOLVED IN THE INCIDENT ARE UNKNOWN AT THIS TIME.

INCIDENT DETAILS

Description of Tank: F-3

Tank Above/Below Ground: ABOVE Transportable Container: NO

Tank Regulated: YES

Tank Regulated By: GA EPA

Tank ID:

Capacity of Tank: 4000 GALLON(S)

Actual Amount:

IMPACT

Fire Involved: YES INJURIES:

Fire Extinguished: NO YES 3 Hospitalized:

Empl/Crew:

Empl/Crew:

Passenger:

FATALITIES: NO

Passenger:

Occupant:

EVACUATIONS: YES

N

Who Evacuated: EVERYONE

Radius/Area:

.25 Mile(s)

Damages: NO

Hours Direction of

Closure Type

Description of Closure

Closed Closure

Air:

Road: N Major Art

Waterway: N

Track: N

Passengers Transferred: NO Environmental Impact: UNKNOWN

Media Interest: LOW Community Impact due to Material:

REPORTING PARTY

Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

- --- --- PULU 11 100 / 124

KURT FOGLEMAN

Organization: PERMAFIX OF SOUTH GEORGIA

Address:

1612 JAMES P RODGERS CIRCLE

VALDOSTA, GA

PRIMARY Phone: (352)2228032

Type of Organization: PRIVATE ENTERPRISE

REMEDIAL ACTIONS

POLICE AND FIRE DEPT ARE RESPONDING.

Release Secured: UNKNOWN

Release Rate:

Estimated Release Duration:

WEATHER

Weather: PARTLY CLOUDY, 850 F

ADDITIONAL AGENCIES NOTIFIED

Federal:

FBI, EPA

State/Local: PD, FD, GA EPD

State/Local On Scene:

PD, FD, GA EPD

State Agency Number:

NOTIFICATIONS BY NRC

CUSTOMS AND BORDER PROTECTION (GEORGIA COMMAND CENTER)

14-AUG-13 17:46 (912) 7214840

CUSTOMS AND BORDER PROTECTION (GEORGIA COMMAND CENTER CON'T)

14-AUG-13 17:46 (912) 7214840

DHS SOUTH CAROLINA FUSION CENTER (LE SENSITIVE ADVISORS & LIASON PROGRAM)

14-AUG-13 17:46 (866) 4728477

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

14-AUG-13 17:46 (202) 3661863

EPA OEM (MAIN OFFICE)

(202) 5643850

EPA OEM (AFTER HOURS SECONDARY)

(202) 5643850

U.S. EPA IV (MAIN OFFICE)

(404) 6504955

USCG NATIONAL COMMAND CENTER (MAIN OFFICE)

(202) 3722100

GA BUREAU OF INVESTIGATION (COMMAND CENTER)

14-AUG-13 17:46 (404)3081460

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

14-AUG-13 17:46 (202) 2829201

NOAA RPTS FOR GA (MAIN OFFICE)

14-AUG-13 17:46 (206)5264911

NATIONAL RESPONSE CENTER HQ (MAIN OFFICE)

(202) 2671136

NATIONAL RESPONSE CENTER HQ (AUTOMATIC REPORTS)

14-AUG-13 17:46 (202) 2671136

NTSB PIPELINE (MAIN OFFICE)

14-AUG-13 17:46 (202) 3146293

HOMELAND SEC COORDINATION CENTER (MAIN OFFICE)

14-AUG-13 17:46 (202) 2828300

PIPELINE & HAZMAT SAFETY ADMIN (OFFICE OF PIPELINE SAFETY WEEKDAYS (VERBAL)) (202) 3661863

SEAHAWK IOC (INTER-AGENCY OPERATIONS CENTER)

14-AUG-13 17:46 (803)2060971

FL DEM STATE WATCH OFFICE (MAIN OFFICE)

14-AUG-13 17:46 (850) 4139911

GEORGIA EMERGENCY MNGMT AGENCY (MAIN OFFICE)

14-AUG-13 17:46 (404)6357200 USCG DISTRICT 7 (MAIN OFFICE) 14-AUG-13 17:46 (305)4156800

ADDITIONAL INFORMATION

*** END INCIDENT REPORT # 1057122

Report any problems or Fax number changes by calling 1-800-424-8802

PLEASE VISIT OUR WEB SITE AT http://www.nrc.uscg.mil

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Water Body:

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Initial EPA Action:

OSC Russell and START mobilized

Status:

2 - Closed

URL:

Associated Action Reports

DataID: 0642381

Date: 2013/08/15	Time: 09:05	Submitted by: R04 Duty Officer
Duty Officer/Responder Name: Subash Patel	NRC Report #: 1057122	Hotline Log DataID: 1442357
Action Information		5
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Name: Ashley Tye		
Organization: EMA Directory		
Phone #: 2295633329		

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Data ID: 1442356

Date Of Report: 14-AUG-13 17:36

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State #: Receiver:

ERNS #:

Material Type:

Material / Amount:

UNKNOWN MATERIAL (0 UNKNOWN AMOUNT);

Location:

City: VALDOSTA County: LOWNDES

State: GA

Source of Pollution:

PERMAFIX OF SOUTH GEORGIA

Water Body:

State Or EPA Responded: Initial EPA Action:

Status:

URL:

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Incident Type: STORAGE TANK

Incident Cause: OTHER

Affected Area:

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Affected Medium: UNKNOWN

REPORTING PARTY

Name:

KURT FOGLEMAN

Address:

Organization: PERMAFIX OF SOUTH GEORGIA 1612 JAMES P RODGERS CIRCLE

VALDOSTA, GA

PRIMARY Phone: (352)2228032

INCIDENT LOCATION

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City: VALDOSTA State: GA

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INCIDENT DETAILS

Description of Tank: F-3

Tank Above/Below Ground: ABOVE Transportable Container: NO

Tank Regulated: YES

Tank Regulated By: GA EPA

Tank ID:

Capacity of Tank: 4000 GALLON(S)

Actual Amount:

IMPACT

Fire Involved: YES

Fire Extinguished: NO

YES 3 Hospitalized:

Who Evacuated:

Empl/Crew:

Passenger:

INJURIES: FATALITIES:

NO YES Empl/Crew:

Description of Closure

EVERYONE

Passenger: Radius/Area:

Occupant: .25 Mile(s)

EVACUATIONS: Damages:

NO

Hours

Direction of

Major Art

Closure Type Air:

Road:

N

Closed

Closure

Waterway:

Track:

N

Passengers Transferred: NO Environmental Impact: UNKNOWN

Media Interest: LOW Community Impact due to Material:

REPORTING PARTY

Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: KURT FOGLEMAN

Organization: PERMAFIX OF SOUTH GEORGIA Address: 1612 JAMES P RODGERS CIRCLE

VALDOSTA, GA

PRIMARY Phone: (352)2228032

Type of Organization: PRIVATE ENTERPRISE

REMEDIAL ACTIONS

POLICE AND FIRE DEPT ARE RESPONDING.

Release Secured: UNKNOWN

Release Rate:

Estimated Release Duration:

WEATHER

Weather: PARTLY CLOUDY, 850 F

ADDITIONAL AGENCIES NOTIFIED

FBI, EPA

State/Local: PD, FD, GA EPD

State/Local On Scene: PD, FD, GA EPD

State Agency Number:

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ADDITIONAL INFORMATION

*** END INCIDENT REPORT # 1057122 ***

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PLEASE VISIT OUR WEB SITE AT http://www.nrc.uscg.mil

Perma Fix of South Georgia 103 DX 9017.0001.0199



Primary Site Manager: Paul Prys Primary EPA Task Monitor: Chris Russell Helen Mayoral Bryan Vasser

1 of 1



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	LEGAL DOCUMENT	

Paul Prys & Helen Mayoral 2013_0815 amved on site at 7:45 am Perma Fix Gen. notes 55 gal. drum into a 500 gal. mixing unit - incident occurred. - Containment wall leaked runoff went down small "canat" to creek drainage ditch Mud Ctackel Put out booms a little ways down from "canat" - drainage ditch Drainage ditch on South corner facility believes ~ 20,000 gallon were pumped in the evening. Started pumping ~ 9:30-10:00pm - Objectives: use wa meter in tributary \$ Mud Creek, get some samples as well. Use we meter on liquid in frack tank, hazcat & sample. Speople injured Scale: 1 square

	4769
Travis	s Howell - (229) 300 4769
6	reorara Petroleum Inc.
PI	lant Manager
	bservations:
ı	2:30 pm had explosion
1 5:01	o were able to return, fire
F -8 E W	et. (Perma Fix)
San	valve open and closed it
Obs	served a sheen.
-SWS	is GA Petroleum contractor
- HEPI	ACO is contractor for
Perr	na fix
	- ATF showed up N 1500-1600
- Also	on scene, GAEPD Energency
Res	ponse, Valdosta Fire Rescue
Dep	Partment Valdos 4 Police Comman
9815 RA	thanks to ER van Calibrates
	I SSIMPS (EPA # A79995)
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	H 7 7 02 (26 03°C)
37.9 mla 0	14 4 4.00 (27.12°C)
27.9 mmlg p	PP (30% 244.5mV
	0% 100.5% (24
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da	mmed tributan	y behind
70	auty	
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ORP	5.66 225.5 mV	Surface
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SI	Booms with gradu des and oil pads	on water
	urface. Oil slick	
w	rater surface	
_		
L Berm wo	is breached durin	ig rain storm
overnig	nt] appears to l	0.61 <i>P</i> -
	The state of	. 14
Mud (NOTAL WAY IN	

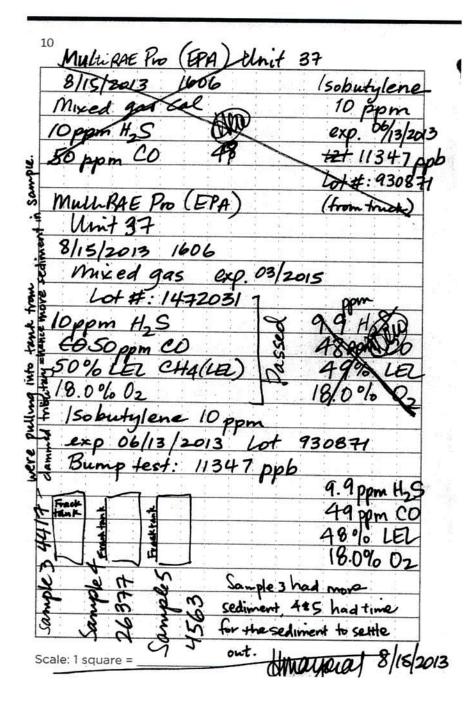
1020 location 2; sample + taken downstream of confluence and of tributary and Mud Creek Temp 24.98°C Sp. Cond 0.061 m5/cm to% 45.0% 207.9 mV -Notes: Slight sheen, choudiness on tributary. 1024 location 3 reading taken about 20' downstream of confluence. Temp 24.98°C Spland 0.061 ms/cm Do % A6.7 % 4.55 201.4 mV * Sample taken from Location 2 at confluence of tributary \$ Mud Creek 1029 Scale: 1 square =

onfl	rence of Mud Creek and
	tany - really dark from tanni
Temo:	2498°C
Sp. Cond.	0.060 ms/cm : 41.1°/0 4.46 220.7 mV
Do %	: 41.10%
AH:	4.46
ORP:	220.7 mV
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Mud	Creek (over culverts).
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him abovater F site a Instru from the readur	guality monitoring and assessment confluence. Letted to take a few samples we frack tank and get ings from them, as well as

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the near future.	
CII) +:	
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Mit 4 Steel RAE Calibration	en :
08/15/2013 @ 1250	
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50% LEL (CH4) BUMP	100 ppm
20.9%02	Exp. 10/2015
Oppm H2S	LOT LTKO92-
TO ppm CO 1	Bump.
Hmayoral 8/15/	E _N C

Unit 1 Steel RAE Calibration 8/15/2013 +3 1635 Mixed Exp to/2 04/2014. LTD 293 - RR-CA exp 3/2015. Lot # 1472031 Isobutylene 50% Methane 1/122) 49% LED 100 ppm 18.0% 02 17.9% 02 Lot LTK092-Pg 10 ppm H2S 10 ppm H2S Bump: 101 pp	8/15/2013	1305	f 67/	, lot#
20.9 02% 20.9% 10/2015 lot# LTR092 Oppm H2S 10ppm Bump: 100 ppm Doppm CO 50ppm B/15/2013 +3 1635 Mixed Exp ta/2 1635 Mixed Exp ta/2 1635 Exp 3/2015. Lot # 1472031 Isobutylene 50% Methane 1/20) 49% Let 100 ppm B.0% 02 17.9% 02 Lot LTR092-P 10 ppm H2S 10 ppm H2S Bump: 101 pp		123/13 Exp. Ma	mt "/	2 : HAM 413-8
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Oppm H2S 10ppm Bump: 100 ppm 10 ppm CO 50 ppm 10 ppm H2S 10 ppm H2S Bump: 101 ppm 10 ppm H2S 10 ppm H2S Bump: 101 ppm	20.902%		10/20	5- 6+# RR-CA
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			bur	
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1.8%02 18.0%02 96.8 ppm 1pm H2S 10 ppm H2S			246	2015

Mixed	gas 6/1	08250 Calibratu 5/2013 1440
Lot#	2014 Bum	p test
LTD 293-RR-	10 ppr см 49 pp	m Co
10 ppm H2S	149%	EL
50 ppm Co	18%	02
50% LEL		
18.0% 02		<u> </u>
Sobuty	lene: 10	mado
exp. date	10/2015, 6	+#: LTK092-RR-CA
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and the second second		
O/IC/-	095- 51	868:1452
500 DU/2	3 @ 145	3
10 ppm H25	BUMP TEST	LTD293-RR-CM
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50% LEZ	49	Sobutylene
18.0% 0,	18.0	100 ppm exp. 10/2015
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AREA R OAIS Bump + Mixed, exp. of Isobutylene, 100 SOppon CO	AE I (A ested / 2/2015, Le PPIM, ex UNITI 42ppm	80782 80782 APERAE #: 147. p. 10/2015 10/2015 10/2015 10/2015	(A8078) \$ \$31 LTK842-RE UNIT 3 49 ppm	2-CM ONAT 4 A6 ppm
AREA R OAIS Bump Mixed, exp. of Isobutylene, 100 SO ppm CO	AE I (A AE I (A A ested / 3 zors, te ppm, ex part 1 42ppm 101ppm	80782 80782 1 # : 147 p. 10/2015 02.0017 2 62.00000000000000000000000000000000000	(A8078) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2-cm OUST 4 A6 ppm
AREA R OAIS Bump ! Mixed, exp. or Isobutylene, 100	AE I (A AE I (A A ested / 3 zors, te ppm, ex part 1 42ppm 101ppm	80782 10782 10782 1 #: 147; 1012015 10172 102015	(A8078) 5 631 LTK892-RE UNIT 3 49 ppm [OOppm	2-cm 10057 4 46 ppm 101 ppn 9 ppm
AREA R OAIS Bump to Mixed, exp. or Isobutylene, 100 SO ppm CO 100 ppm Voc 10 ppm H2S	AE I (A ested / 3 zois, to ppm ex Jasti Azppm 101 ppm 9 ppm	80782 180782 180782 180782 180782 18072015 180720	(A8078) 5 631 LTK892-RE UNIT 3 49 ppm [OOppm	2-cm OUST 4 A6 ppm

Scale: 1 square = 44404 8/16/2013

Strong Co	45 bump.	+#:1472631	isabutyl
Soppm co	6 50	ppm co	100 P
HOOP IDPONT	23 10	ppm H25	exp. 19
50% LEL	49	% LET	LTKOR
18.0% 02	BUMP_	010 02	PR-
RAH.DAF D			Bump: 100
Mutti RAE Bu	mp Test	000	-
Mixed, exp. " Isobutylene DNIT#:	3/2015, Lot #	1472031	
" Douglese	100 ppm, ex	o. 10/2015, lot:	LTK 092 - RI
	7692	1	
30ppmc0	98 ppm		
10ppm H2S	10	II ppm	1 1
50% LEL	51%	50%	
18.0% 02	17.9%	17.9%	
100 ppm VOC	100ppm	100 ppm	
O Pryspent	eved fact	1 10 ich 1	aldark -
11970	D Jacob	ing with v	Muogra
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1120 May	oral task	ed to ge	+ TWALL
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of fire	a RAE #3 \$	#1 for
HON &	Cl, Senso	vs, while TVA war
HCN cal gas:	EXP. 11/2013. L	+ 4: 3- 893 - 732
Cla cal gas:	exp. 10/31/2013.	Lot #: D211125 3
• 1	Bump Unit 1 1	lot #: D211125 SN;
10ppm HCN	10 ppm	9 ppm
Oppm Cl2	Not collector	Not collected
	my Refuences	
		mayoral with
	calibration.	3
		60.11 1
	ME RE-ENTONES	
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그 일		. START MAYOR
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	Plus (# 095-	Annual Control of the
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From O.	4-13.2 ppm. 1	LATE NOTE:
AL mone	foring suring	octions saten
RANGED	From 0.4-18	ppm. Air
	my IN MIXING LL	
		so int unit

Scale: 1 square All Clyp 10 8 10 203 Rite in the Rain

-F 8/17/13.

ALGOS SO PERSONNE I CON WORK SAFELY

Scale: 1 square = ___

0920 FERLS NEAR THE "NO SMAKING" SION located stone the East SIDE of the South Wall on the GA PEtasleum SIDE of the FENCE. Unit 3 was hong on the south SIDE of A troiled (6/10) located the FACT SIDE of DAMAGED DEW STORAGE ALEA. 800 0945 STRET Pens Installed the CIZ MD HEN SENSORS on ARBARAE 2. START MAYOR calibrator ALGARAE 4 Calibration of HCN&CI sensors on Unit 2\$ Unit 4 using 10 ppm HCN cal gas, exp. 1/2013. Lot #: 3-093-732; using Cl2 cal gas, exp. 10/31/2013, Batch #: 0211125 Bump test results are listed in Table on page 17. Chlorine sensors were not bump tested to conserve low cal gas 1020: Unit 4 was carborated deployed along yellow metal platform on NW corner of damaged drum storage avea. 1045 Unit 2 HCN & Cl, sensors were calibrated by START Mayoral. 10 pam HCN cal gas, exp. 1/2013, Lot 3-693-732 Scale: 1 square = Awayora

10 ppm C/2 calgas, exp. 10/31/2013, Batch \$211125 Bump test for HEN recorded on Table on page 17. C/2 sensor was not bump tested to conserve on low cal gas. Radio button on Unit 2 was on during Calibration and may have been recorded on data log. 1110-1115 Unit START Prys and Mayoral deployed Unit 2. Unit 2 was placed about 20 feet north of the damaged drum storage area on the north side of the silver storage tanker trailer 190 START Mayoral took inventory of cal gases. START Prys updated OSC Kussell on status of gases, and discussed personnel support. OSC Russell decided only one STARF was required for she support START Prys and Mayoral will demobolize from site at 1600 1600 today and be replaced by START Vasser. Scale: 1 square = Rite in the Rain.

Scale: 1 square = _

8-18-13 0745 Arrive on site and begin bump testing Area Raes. Unit 4 displayed / sup issues yestery but cleared out this morning. Unit 3 was exposed to heavy rain yesterday and did not start up properly. Unit 3 has water inside and wase put outside to day 0855 Unit 1,2,4 pass bumptests/ calibrations and are deployed 1000-Alterd Ops meeting Goul for taluy is to remove the roof over +92 receiving area and evaluate morened dryms. Also one dram of whiern was identiful based on manifests. It contains 4 smaller continers of metayl iso Cyanate 1430 Hegaco completes removal of 1602 Hegaco enters to curluate draws in receiving area 1435 Entry complete and ream exits through decon Rain begins to mare in so Aren Raes Scale: 1 square = __ Rite in the Rain.

8-18-13

8-18-13 are tak	en down.		
700 Ops	to the state of the control of the state of		
Aren F	Re Location	as for the	e day
	unit3		
	unit .		
	- 2		
- 1		* * *	
	- D	1 1 1 1	
	(5)	4	
Appro,	ximately 1	3 drums	were
ideatit	sed duri	in entry	Goel for
rest of	f afterno	on 15 to	crush
empty	doums a	nd ocgin	opening
36 0	with con	ntents.	
JE MO	ilize from		note
	Pagelline		
+ + +		8-18-13	

8-19-13				
0720 57	ART acrives	at site	and d	Sin
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and	I TUA -10	an '		
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25 K D#G	attende O	25 men 1	200	
	4	/KE/	77.7	A Total
	0	12	8-19-13	

24 8 -1	7-13	e-2
	START attempts to rain sample	
	on MARIAT LD. No library match.	
	Vrap of sample in water sinks bat	
	atter shaking leaves a milky	
	Solution, After completing chanid = ton	4
÷	negative result. Upon comperies	
	I + A spectrum to Chlordage shows many	K
*	Similarities but is not an exact	-
1215	Myrch.	+
To	5-TART collects water quality premeros 12.18.76 C Cond. 8.54 m5/cm² 12.18.76 PH - 7.06	1
a	12. KZ pH - 721	-
ORE	P = 135 FID - 10 ppm	+
W	Of collected from tertiary continue	1
-		1
1300	Georgia Power begins working to restore power to Georgia	1
1 1	to restore power to bearing	1
	Petroleum.	1
130	Georgia Power completes work	
	00 - 5. te	
16 20	START departs site and refills gas tank and gas can	
_	refills gas tank and gas can	
		į.

8-19-13

Scale: 1 square =

-20-13	25
132 START acrives on si	te 1
begins proparing Area Ra	1 - 48.00
maltiRes	es and
Unit HCAY VOC	_ : : :
AK 10 100	
ARZ called called	
AR4 10 Extent	3
MD bomp bome	
10 1	
30 Hepres begins staging o	10
receiving 1 f	y yan; on
receiving pad for popping	and sampling
The Cost I I an	Tr. T-
COLLECT Samples to the	
S START begins purning	····
on the Mar ID	samp/05
D A	
Drum Result	
Anomonium White 10	11
THE PIR MIT OF	I Solutat Mix
THE STIME IC 10	id -58M
4 Sulid- Sand Blast Malis 13 So	lid- SRM
5 SIN - SEM 14 La	4
	tox point
7	1-clay
2010 - 3BM 163. He	Paco - 0,1
8 Resin year order	
9 - 1 12	
011	
	sticida -

8-20-13 Attend Ops meeting 11:30 Artend waste disposal meeting 12:00 3:00 Hepres collects 2 samples from Becombery containment for beach testing . START assists Hepale with banch test for competibility of drums from receiving area and secondary containment liquids Drems 1,2,3,8,9,10,11,14,15; Receiving Pad liquids and secondary Containment liquids were combined in small scale. No reactions were observed RPID noted no readings FIP = 14 ppm max 17:00 Ops meeting LIEH will be coming in Wednesday afternoon of Thursday roming Sludge can be solidified. Sladge should be sampled beforehind and a beach scale test with flyash will be conducted 1900 START departs site following a survey with the TUA. Arakae TUA = 20+ ppn Scale: 1 square = ____

8-21	-13				21
0730	STA	RT arms	on site	and	
_	4/16	rates are	racs		
0900	STAR	T places	Aren Rac	s around	- 3
	the re	veiring are	Ad.		7
815	Hepro	mates e	atry to	over pack	-
	Chloro	form dry	ms locates	d in sec-	udary
	contain	ment and	l relative	by intact	4.34
	legible	labels			
	Night	operations.	removed -	rost liquid	d,
	debris	, and so	ne studge	from re	ceiving
	aren pa	d. Those	cleaning of	Derations	١١:سا
	continu	e after +	he chloro	form drum	3
		er preked			
		and STK			
	2740	tertity	nos	and 35/	¢:
/	CP o.	place	beam at	The do	ain
- 1	prior	to re	ease 54	art colle	CTS
<u> </u>	wa p	unmeter	<u>~ : : : : : : : : : : : : : : : : : : :</u>		
	Temp-	27.100	DO-	28.5%	-:
	. 4-1	1.3	Cond -	405	
0	RP- 1	41	. RV	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1000	Htten	41 U STA I	T section	ops me	et ins
		1	4 29 44 85 50		
	P	ye bussel	21-13		

Scale: 1 square =

Rete in the Rain.

8-21-1	13 Containers
1000	- 1199 downs impacted
630	Hepaco continues cleaning receiving
	was pad and crushing drums
	in secondary contribuent . Hepris
	also begins moving drums from
	secondary containment to roll offs.
1530	EPA takes down Are. Raes
	due to impending rain. The PID
	is not getting readings but
	FIPS are so EPA ArcaRaes
	will not be set up after the
	rain
730	Artend Ops meeting
1750	Screen receiving pad with FID
	and discuss monitoring operations
	with CTEH. FID readings
	as they pressure wash Exterior in
	The day max of 100 pm currently
	max ~ 40 ppm
845	Screen pad max ~ 20 ppm
2000	START departs site Hepres remains
	working on decon of the receiving an
_	
cale: 1 sq	quare = 5-9-14-13
	A Secretary and a secretary secretar

8-22-13 0800 STURT arrives at site and begins stre walk 0840 Discuss operations with Hepaco HHS and learn the pad is currently roading any ~ Sopan max ~10 ppm Weather is rainy 145 morning 1000 Attend Ops Miceting 1115 START and Hepria complete . beach toster compatibility test using a 5-pt composite of studge and liquid from socondary containment and fly ash on site Note no temperature change >2°F e rise in FID redings during mixing but not in resting state. LTEH has 3 Area Rass on South functions and is making regular surveys with the TVA Luring site activities 1230 Hopes begins sheering the rank over secondury contriament to open roach to more draws

Scale: 1 square = ___

Rite in the Race

706	A. 100
706	Artend Ops meeting.
	State requests a memo from Asmitis
	describing the compatibility test
	similar to what is described in
	Their permit.
745	START and Hopaco provide trubpical
	support to redo the test.
	Instial + comp - 72°F Initial VOC-200-500 pp
	Mixing temp - 76 °F Mixing VOC - 3000 ppm
	ost Mixing temp - 73°F post Mixing Wac - 200-500 pan
	Peragfix will proper a memorantum
	or checklist describing the results
	High Vapor levels are noted throughour
	the work area when measuring with
	FID.
	The vent of the Vac truck is emitting
	7500 ppm within 10 ft of vent.
	Downind of Vectract > 50 pm
	bound SE corner of building.
-	AT secondary containment well: >500
	In excavator ~ 2-6 ppm during
	mxing
2000	START departs site
	8-22-3
cale: 1	square =

8-23-13 0700 START fills gas of truck on may to site 0705 START arrives at site. Take FID wound site Sweener of containment is approximately 150 ppm. Hepaco willrestablish Level 6 exclusion zones and try to exhaust Vac track vent higher into the air to avoid accumulating on site 1000 Artend ops meeting 1108 START and EPA demobilize from site end of log book Rite in the Rain.

Scale: 1 square = _

32

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Scale: 1 square = _____

Permitix of South Georgia 103 DX 9017.0001.0199



Primary Site Manager: Paul Prys Primary EPA Task Monitor: Chris Russell Helen Mayoral Bryan Vasser

1 of {



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K	ite in the Rain	
ALL	WEATHER WRITING PAPER	10
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PAGE		REFERENCE		DATE
31	End of	logbook		8/23/18
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Paul Prys & Helen Mayoral 2013_0815 amved on site at 7:45 am Perma Fix Gen. notes 55 gal drum into a 500 gal. mixing unit - incident occurred. - Containment wall leaked, runoff went down small "canat" to creek drainage atth Mud Cheeke Put out booms a little ways down from "canat" - drainage ditch Drainage ditch on South comer of facility believes ~ 20,000 gallon were pumped in the evening. Started pumping ~9:30-10:00pm - Objectives: use ma meter in tributary & Mud Creek, get some samples as well. Use wa meter on liquid in frack tank, hazcat & sample. Scale: 1 square

1		4769
1	ravis Howe	11-(229) 300 4769
	Georgia	Petroleum, luc.
	Plant Ma	anager
#1	s observat	ions:
-	42:30 p	m had explosion
2	5:00 were	m had explosion able to return, fire
-	out. 19	erma fix)
	San valve	open and closed is
	Observed a	Sheen
		7,1251.2
	10:00	0.17
2	WS B BH	Petroleum contractor
- 1	FEPACO IS	contractor for
	erma fix	121
		Show and a series
-1	tien on and	showed up ~ 1500-1600.
1	Da un sce	ne, GAEPD Energency
/	response	Valdosta Fire Rescue t Valdosta Police Mobile Comman
	Department	t Valdosta Dolice mobile
0815	Returner	to ER UND CALBRATEZ
	YCT CCC	CE CEL DED. CALIBRATET
		PS (EPA # A 79995)
	SPEC. Com	0 4.49 ms/cm cal.
	PH 7	7.00 (26.07°C)
7.9 mm4	pH4	400 /271796)
ssure	DRP (30°C)	2411 E. V
1 :	DO 10	100.5 % (24
		100 5 21 124

08/15/20 Mite in the Kain.

र्ध है	eported truck for collecting samp cot.	oles for
haz	cat.	
1000 - Sa	mple taken at a	drainage dul
da	mmed tributary	behind
	1/./	
Location	SW of Perma dammed runu	£∞ /
	dammed runu	4 ditch Aribatar
1010	J.16 C	
S. Conduct	ivity 0.591 m5/cm	, ,
Do %	84.8% 5.66 225.5 mV	26"
pH	5.66	below
ORP	225.5 mV	Surface
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Booms with productides and oil pads surface. Oil slicks	sheen on
	vater surface	
v		
	as breached during	gram storm
5 5 5	as breached during	gram storm
5 5 5	ont) appears to h Creek high Cov	ave

1020 location 2; sample + taken downstream of confluence and of tributary and Mud Creek Temp 24.98°C Sp. Cond 0.061 m5/cm to% 45.0% 4.69 DRP 207.9 mV -Notes: Slight sheen, choudiness on tributary. 1024 hocation 3 reading taken about 20' downstream of confluence. Temp 24.98°C Spland 0.061 ms/cm DO 0/0 46.7 % 4.55 PH 201.4 mV * Sample taken from Location 2 at confluence of tributary \$ Mud Creek 1029

Scale: 1 square =

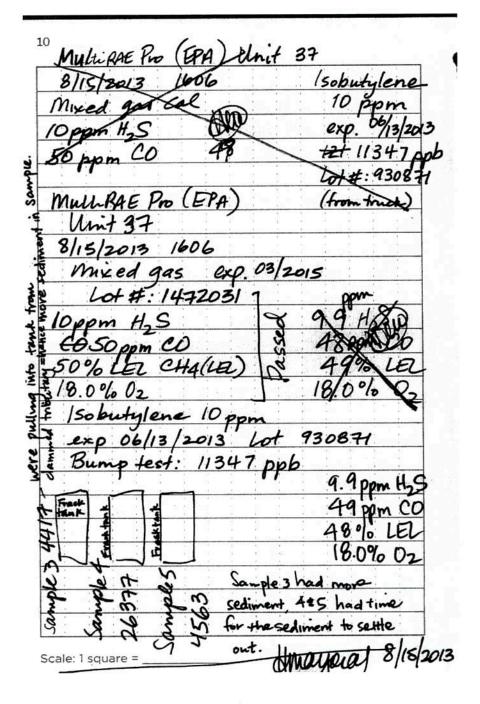
Rite in the Rain

onthe	Reading taken upstream a ence of Mud Creek and
tribut	any - really dark from tan
Temp:	2498 2498°C
Sp. Cond.	0.060 mS/cm 41.10/0
Do %:	41.10%
AH:	4.46 220.7 mV
ORP:	220.7 mV
50 yan	south de from Spur, entry to
Mud C	reek (over culverts).
Met until	n C. Russell at 1140 to debri
	n C. Russell at 1140 to debri
him abou	ut the results of the
him abou	ed the results of the vality monitoring and assess
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him about water go site at Instruct from the reading run the	confluence. Let together with HEPACO Let together with HEPACO Led to take a few samples Frack tank and get gs from them, as well as Lorengh hazcat. (ignitability).

Samples from the for J.T. Cochran) Sa	ruple Jars 3,445.
1156 Instructed by C. R.	
1156 Instructed by C. R. the AreaRAES in ca	se of deplanent in
the near future.	
unayoral	
Calibration	
Steel RAE Unit 4, con	6: 11 to db.
Short DAG 11 A	A date a une
Steel RAE Unit 3, co	utirmed dates time
Mit 4 Steel RAE Calib	retion
08/15/2013 @ 1250	
12013	
	lat#:
Mixed Air	Name of Lot#:
Mixed Air Exp. date 1923/2013	date 1/2 HAM-41.
Mixed Air Exp. date 1923/2013/ 50% LEL (CH4) BUMF	Hamif 07/ Lot #: Warmif 07/ Lot #:
Mixed Air Exp. date 1923/2013/ 50% LEL (CH4) BUMF 20.9% 02	date 12: HAM-91. Isobutylene 100 ppm Exp. 10/2015
Mixed Air Exp. date 1923/2013 1 50% LEL (CH4) BUMF 20.9% 02 Oppm H2S	Marie /12: HAM-91. Isobutylene 100 ppm Exp. 10/2015 Lot LTK092-
Mixed Air Exp. date 1923/2013 1 50% LEL (CH4) BUMF 20.9% 02 Oppm H2S	Marie /12: HAM-413 Isobutylene 100 ppm Exp. 10/2015 Fot LTK092- RR-CM
Mixed Air Exp. date 1923/2013 1 50% LEL (CH4) BUMF 20.9% 02 Oppm H2S 50 ppm CD	Manuf /12: HAM-41; date /12: HAM-41; Isobutylene 100 ppm Exp. 10/2015 tot LTK092- RR-CM Bump:
Mixed Air Exp. date 1923/2013 1 50% LEL (CH4) BUMF 20.9% 02 Oppm H2S 50 ppm CD	Manuf /12: HAM-41; date /12: HAM-41; Isobutylene 100 ppm Exp. 10/2015 tot LTK092- RR-CM Bump:
Mixed Air Exp. date 1923/2013 1 50% LEL (CH4) BUMF 20.9% 02 Oppm H2S 50 ppm CD	Manuf /12: HAM-41; date /12: HAM-41; Isobutylene 100 ppm Exp. 10/2015 tot LTK092- RR-CM Bump:
Mixed Air Exp. date 1923/2013 1 50% LEL (CH4) BUMF 20.9% 02 Oppm H2S	Manuf /12: HAM-41; date /12: HAM-41; Isobutylene 100 ppm Exp. 10/2015 tot LTK092- RR-CM Bump:

8/15/2013 Mixed 10	1305	£ 07/.	lot# 2: HAM.413-8
LEL%	Bump	1 14	2 HAM A13-8
20.902%	20.9%	10/201	obutylene 100 5. bot# RR-CN
10ppm H25	loppm	Bus	mp: 100 ppm
Soppm co	1 50 ppm		
11	el DAT (I	`2•	
Unit 1 Ste	13 163		·on
Mixed E	p 10/2 04/	(0)	LTD 393 ER-CA
exp 3/2019	. Lot # 147	2031	1 (Sobutylene
50% Meth	ene "((121) 490	1612	100 ppm 0xp. 10/2015 Lot LTK092-P
10.0% 02	7.9%	02	407 LTK092-
10 ppm 425	10 pp	m H ₂ S	Bump: 101 pp
30 ppm CO	148 pp	m CD	
		108	102 12 013
Unit 2 du	ast calibrate	ISOB	utylene 100 pp
18 % LEZ	50% LET (CA)	bur	mp fest
17.8802	18.0% 02		96.8 ppm
Ppm H2S	10 ppm H2S		
49 CO	50 CQ	1.,	2013
90 90 1995 TW	agnal	9/15	2012

5- 24	9as 011	08250 Calebra 1440
Lot#	1/2014 Bun	p test
LTD 293-RA	10 opr	
10 ppm #5		m Co
50 ppm Co	18%	0
50% LEL	1078	2
18.0% 02		
	10.0.10	
exp. dai	ylene: 10	maldo
Bun	c.72015, 10	+#: LTK092-RR
	pag.	79.4 ppm
MultiRA	E 095- 518	0/00/1100
8/15/20	13 @ 145	2 - 1457
Exp. 04/	2014 14	170202 20
10 ppm H2S	BUMP TEST	LTD293-RR-CA
50ppm CO	50	
	49	Sobutyle
JU 10 LE/	18.0	100 pp
50% LEZ 18.0% D.	(P.U	0
18.0% O2	10.0	exp. 1/201
	10.0	LTK092-RR
	10.0	LTK092-RR. Bump: 99.6
		LTK092-RR. Bump: 99.6
	nauxoral	LTK092-RR



Sample 6 was taken from the where the explosion took place, on the SE portion of the facility N1655 Sample 7 was taken from a tanker to determine within the facility to hazcat. ~ 1840 - took sample from the decon line for to test for AH, as requested by OSC C. Rusself for HEPACO Captain. 1845 - requested back at oboo next day. and released from site. Demobilize Left site at Helen Mayoral 3/15/2013 Scale: 1 square = _ Rite in the Rain.

Scale: 1 square = 4444444 8/16/2013

A80779

A 80781

A80786

Soppm co	1 50	+#:1472631	150 pm
HOOP 10 ppmH	5 10	ppm Co	exp. 19
50% LEL	49	ppm H2S % LEL	LOTE #:
18.0% 02	18.0	% O2	PR-C
	DOMP_	5	Bump: 100
Mutti RAE Bu	mo Test	1000	
Mixed, exp. 0	3/2015 Lot #	1422521	
Mixed, exp. 0	100 ppm, ex	1472031 p. 10/2015, let:	TKO 92 - RR
DAIT#:	508250	518698	
30ppmc0	98 ppm	48 ppm	
10ppm H2S	10	II ppm	
50% LEZ	51%	50%	
18.0% 02	17.9%	17.0%	
100 ppm Voc	100pm	100ppm	
Pryspent Five Depo HEPACO	ertment, A	IF, and me	mbers e
s Entered	facility.	12/	
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and the second second	Dra		TUMIC
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1120 Mayo	na tah	brated.	* · · · · · · · · · · · · · · · · · · ·
H20 Mayo	na tah	brased.	7 7 7

The second secon	a RAE #3 \$	
HCN 8	a Cl ₂ Senso	vs, while TVA War
HCN cal gas:	EXP. 11/2013, Le	#: 3-893-732 Baich#: SN:
Cl2 cal gas:	exp. 10/31/2013,	Lot #: D211125 3
* 1	unit 1	lot #: D211125 33 Bump Unit 3
10ppm HCN	10 ppm	9 ppm
Oppm Cl2	Not williactor	Not collected
200 START P	My RETURNED	La RECORNEE
tanck.	Assisted STORT	mayoral with
	calibration.	Magazar Mine
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	SE RE-E-HOLES	
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M- HIRAE	Plus (# 095-	508250).
BREATHIR	3 Bone monito	RIM RAMED
From O.	1-13.2 ppm. L	ATE NOTE:
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	From 0.4 - 18	
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ale: 1 square =	THE PHERI	so (nto unit)

Scale: 1 square Mary 8 16 203 Rite in the Rain.

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+ +		FRAC TANKS		
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Scale: 1 square = _____

0920 FERLS NEDR the "NOSMORING" SION located stong the East 5125 of the south Wall on the GA PEtasleum SIDE of the FENCE. Unit 3 was hong on the south SIDE of a trailer (6/45) located the FACT SIDE of DAMAGED Dem STORAGE ALEA. & 0945 STRET Pens Installed the CIZ MD HEN SENSORS ON ARBARAE 2. START MANGE calibrator ALGARAE 4 Calibration of HCN&CI sensors on Unit 2\$ Unit 4 using 10 ppm HCN cal gas, exp. 1/2013. Lot #: 3-093-782; using Cl2 cal gas, exp. 10/31/2013, Batch #: 0211125 Bump test results are listed in Table on page 17. Chlorine sensors were not bump tested to conserve low cal gas 1020 Unit 4 was carborated deployed along yellow metal platform on NW corner of damaged drum storage avea. 1045 Unit 2 HCN & Cl, sensors were calibrated by START Mayoral. 10 ppm HCN cal gas, exp. 1/2013, Lot 3-693-732 Scale: 1 square = Awayota

10 ppm C/2 calgas, exp. 10/31/2013, Batch \$211125 Bump test for HCN recorded on Table on page 17. C/2 sensor was not bump tested to conserve on low cal gas. Radio button on Unit 2 was on during Calibration and may have been recorded on data log. 1110-1115 Unit START Arys and Mayoral deployed Unit 2. Unit 2 was placed about 20 feet north of the damaged drum storage area on the north side of the silver storage tanker trailer. 190 START Mayoral took inventory of cal gases. START Prys updated OSC Russell on status of gases, and discussed personnel support. OSC Russell decided only one START was required for she support START Prys and Mayoral will demobolize from site at 160 1600 today and be replaced by START Vasser. Scale: 1 square = Rete in the Rain.

Arrive on site and begin testing Area Raes. Unit It displayed 1 sup issues yestory but cleared out this morning Unit 3 was exposed to heavy rain yesterday and did not start up properly Unit 3 has water isside and wose put outside to day 0855 Unit 1,2,4 pass bumplests/ calibrations and are deployed 1000-Altend Ops meeting Goul for taluy is to remove the roof over +9x receiving area and evaluate morened drams. Also one dram of concern was identified based on manifests. It contains 4 smaller continers of metryl is Lyanate 1430 Hepara completes removal of 1602 Hefaco enters to curluate draws in 1435 Entry complete and ream exits through decon Kam begins to make in so Scale: 1 square = __ Rite in the Rain. 8-18-13

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		7000 31	10 10	iotel	
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	- 74	mer	d 1-		

17240 CTAN	
07240 START grives at site and lag	in ,
calibrating 3 Arca Raes, 1 Matti Rae,	
and TVA - 1000	N.
und TVA-1000. Uny # HCN VOC Caktail C	1
Area Rac 1	-'2-
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TVA 1000 - Methone -	
0815 Area Racs placed around receiving	
scan and process streams receiving	1
ogna Here and his	
150crante drum to release any	ectoe
o to all process to release any	
osis Ha	
0915 Heprie made entry to evaluate and	
over pack the suspected iso Lyana	te
drum, tepaco confirmed the content	4
of the drum appared to metals The	
inventory contents Hepaco overpacks	Re
dryman tit whethe sample from	
the drum with several ruptured glas	5
LOU TLINES (:
000 OSC attends Ops meeting	. =
cale: 1 square =	
cale: 1 square =	P

8-17-13	
1000 START a	ttempts to sein sample
on Haz May	ID. No library match.
Orap of samp	k in water sinks bat
anter 5795	ng leaves a milky
Solution, Afre	completing cymide test
negative resu	elt. Upon compering
THE Spectru	in to Chloringe shows many
Similarities	but is not an exact
match.	
To 137 Alex	to water quality premeters
M2 - 12.06 C	all - D. set asken
000 = 125	PID - 10 ppm
WAD II and	1 su - 10 ppm
are Constant	from tertiary contained
300 Gen Per	power to Georgia
to come	Degins working
730 Georgia Pour	c completes work
44-5-40	
820 START de	eparts site and
refills ga	s tank and gas can
	- Hum

Scale: 1 square = __

8-20-13	25
7732 START Errives of	site and
begins preparing Are	Recent
maltikae	
Unit HON VOC	
ARI Calad calad	
ARZ call called	
AR4 IN Calast	
MR bung bung	
10 1	
530 Hepres begins stagin	5 drums on
Ded tel Ded	0:h- 1 - 1.
COLLECT Samples for	20/11
22 7/17 Degins muchin	9 samples
on interest In	
Drum Result	
Angmonium White 10	5 011
2 0:1/Water mix 11	
Shot mad Blast Mala 12	Solid-Sem
Sulid- Sent Blood Mally 13	Solid - Som
- S/W - SBM 14	Later paint
6 Solo-1- SRM IE	Til and
7 - 3	solid - clay
8 0.	3 - Hopeco - 0,1
TO THE PERSON OF	
9	or endry
9	pessicida - (chlardane) Rete in the Rein

8-20-13 Attend Ops meeting 11:30 Attend waste disposal meeting 12:00 13:00 Heprico collects 2 samples from secondary containment for beach testing . START assists Hepalo with banch test for competibility of drums from receiving area and secondary containment liquids. Drums 1,2,3,8,9,10,11,14,15; Receiving Pad liquids and secondary Containment liquides were combined small scale. No reactions were observed & PID noted no reading FIP = 14 ppm max 17.00 Ops meeting CIEH will be coming in Wednesday afternoon of Thursday morning Sludge can be solidified. Sludge should be sampled beforehund and a beach scale test with flyash will be conducted 1900 START departs site following a survey with the TUA. Arakae TUA = 20+ ppn Scale: 1 square = ___

8-21-13 0730 START arrives on size and callbrates grantacs 0900 START places Aren Races around the receiving aron put 815 Hepro mates entry to over pack Chloroform dryns located in secondary containment and relatively intact legible labels Night operations removed most liquid, debris, and some studge from receiving continue after the chieforn druns are over preked. 0930 EPA and START observe sheen RP or place beam at The drain prior to release Start collects Wa parmeter Temp - 27.1°C DO - 28.5% 1000 START Meeting Ops meeting pose 1-13

Scale: 1 square =

Rite in the Rain.

28 7-21-13

0-21-13	Contring	16	
1000 - 119	9 downs in	pretel	
6030 Hepac	continue	s cleaning	receiving
val	and and w	rushing di	ums
msec	ondary co	ntriomen	- Hepres
also .	begas mou	my drums	from
Secono	lary contains	ment to t	oll offs.
1530 EPA	takes d	oun Area	Roes
dre	to impendin	g rain. Ti	he PID
is no	T getting	readings	bert
FIPS	ere so	EPA A	en Raes
will no	+ be se	1 up afre	rtre
rain			
700 ATTEN	1 Ops mi	een'ny	
/ DU Deree	receiving	and we	14 FIO
and	aiscuss.	monitorine	operations
WITH.	CIPA.	TID res	dings
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43 7	hey pressur	1 495 A. 12	vliv in
7-6	they max	+ Mon	currently
845 Screen	40 ppm	~ 20	
000 STAR	T depart	site Han	
wac his	ny on deca	n of the	ne mains
	0	- 01 /32	Lecar, was
ale: 1 square =	programme	Mer	
die. i square			1-51-13

Rite in the Raco

8-22-13 STURT arrives at site and begins stre walk 08 to Discuss operations with Hepaco HHS and learn the pad is currently roading ang ~ Sopan max ~10 ppm Weather is rainy 1415 morning 1000 Attend Ops Meeting 1115 START and Hopera complete . beach toster comparibility test a 5-pt composite of sludge and liquid from secondary containment and fly ash on site Note no temperature change >2°F e rise in FID redings during mixing but not in resting state. LTEH has 3 Area Rges on South functions and is making regular surveys with the TVA during site activities 1230 Hopus begins sheering the rank over secondury contriament to open roach to more

Scale: 1 square = _

1706 Arted Ops meeting.	
State requests a memo from Pernitis	,
describing the compatibility test	
similar to what is described in	
Their permit.	
1745 START and Hopaco provide talpice	1
support to redo the test.	
Intrial 1 cmp - 72°F Initial VOC-200-500	400
Mixing temp - 76 °F Mixing VOC - 3000 pp	th.
post Mixing temp - 73°F post Mixing Vac - 200-500 p	
Permitix will propers a memorantum	Alexa
or checklist describing the results	
1800 High Vapor levels are noted through	47
the worst area when measuring with	
FID.	
The vent of The Vac truck is emitting	
7500 ppm within 10 ft of vent.	,
Downind of Vectract >50 pm	
bound SE corner of building.	
At secondary containment well: >50	
In exceptor = 2-6 ppm during	<i>r</i>
mking	
2000 START departs site	
Scale: 1 square =	
Scale: 1 square =	
SUBSTITUTE OF STATE AND A STATE OF STAT	

8-23-13 0700 START fills gas of truck on may to site. 0705 START arrives at site. Take FID around site Sweener of containment is approximately 150 ppm. Hepaco willrestablish Level 6 exclusion zones and try to exhaust Vac track vent higher into the air to avoid accumulating on site. 1000 Artend of meeting 1108 START and EPA demobilize from site end of log book

Scale: 1 square = _

Rite in the Rain.

32

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